

FIG.2

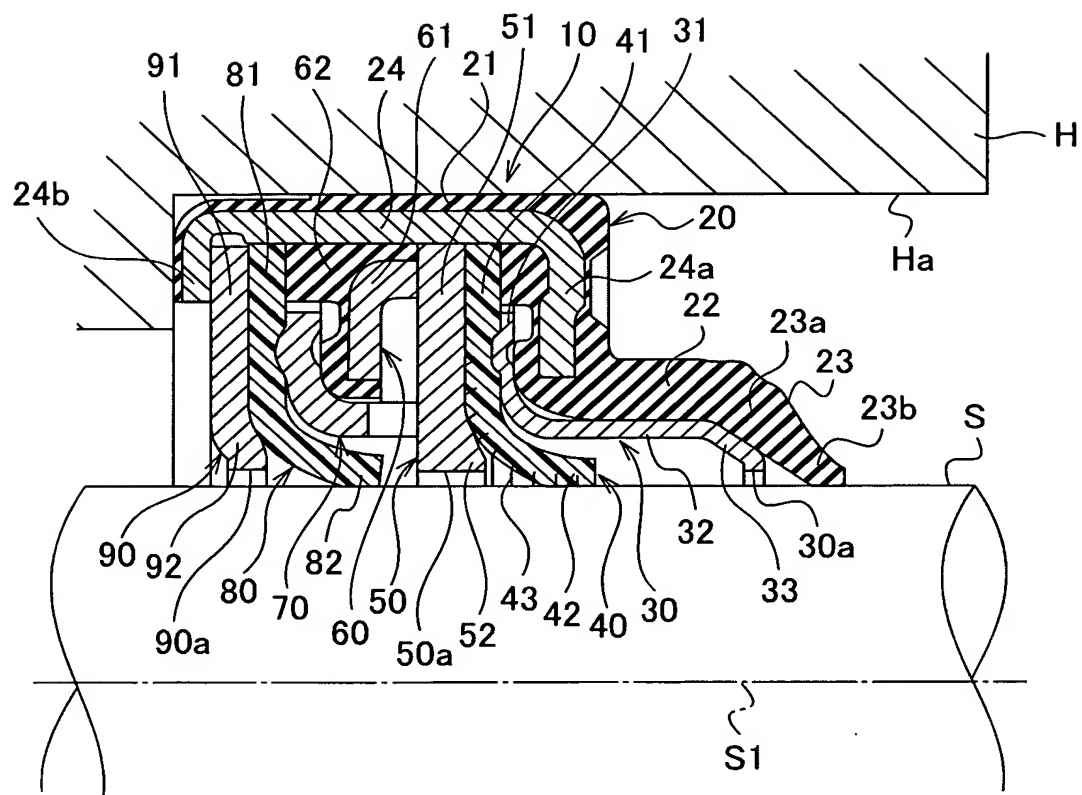


FIG.4A

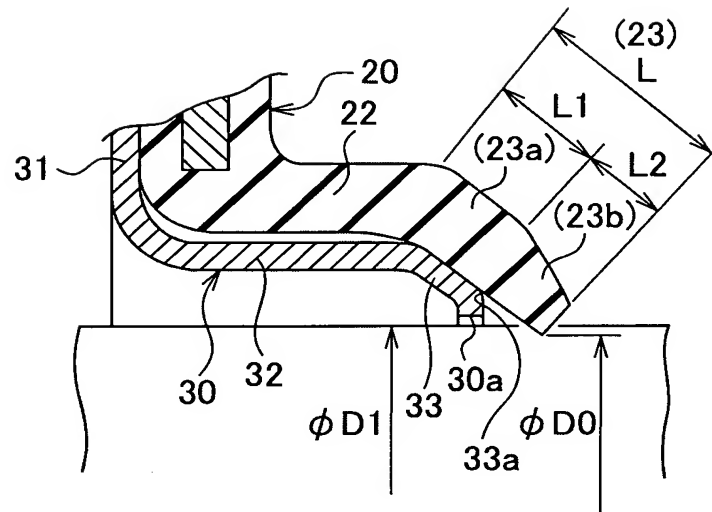


FIG.4B

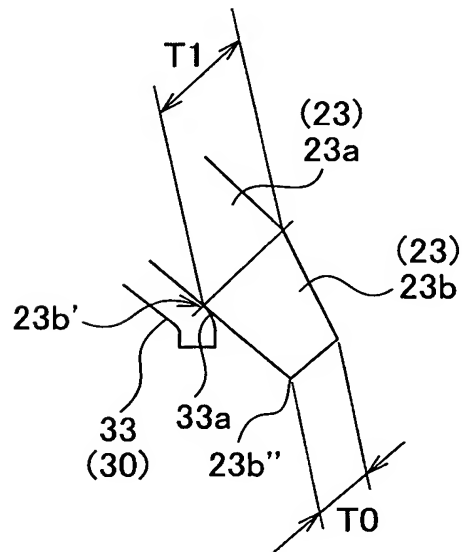


FIG.5A

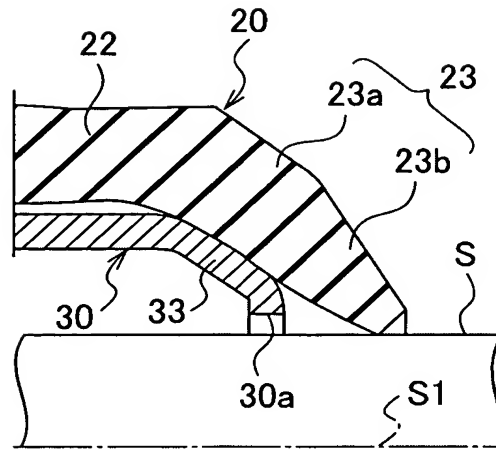


FIG.5B

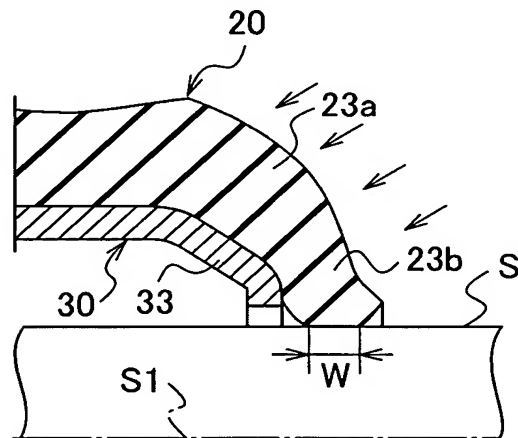


FIG.5C

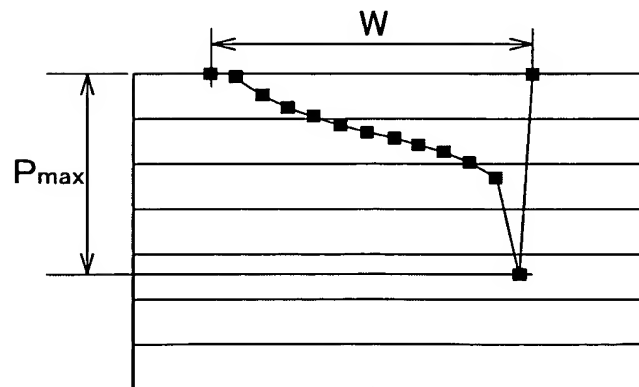


FIG.6A

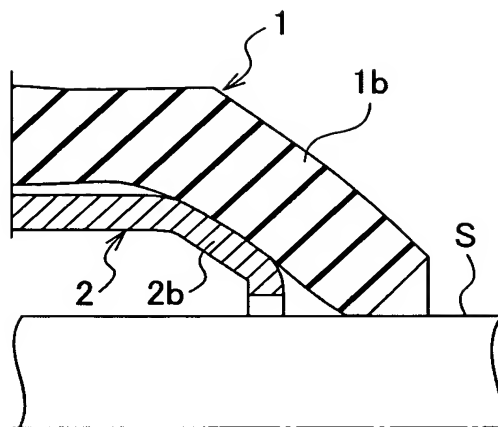


FIG.6B

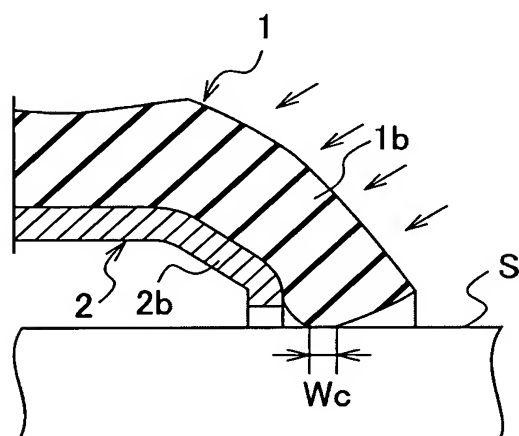


FIG.6C

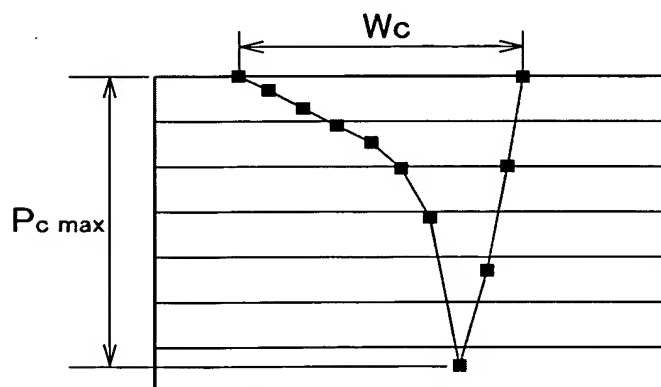


FIG.7A

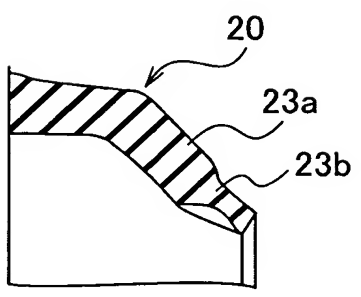


FIG.7B

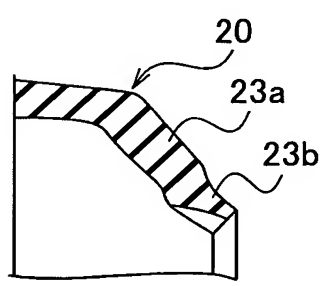


FIG.8

(Rv=8,000rpm, Pf=5.8MPa, D1=9mm)


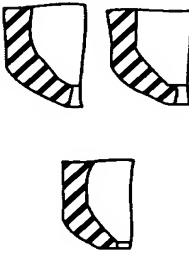
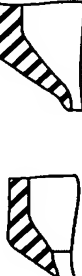
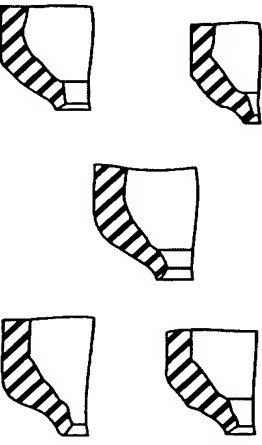
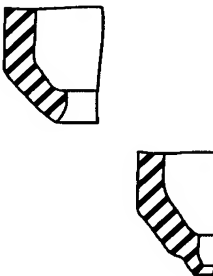
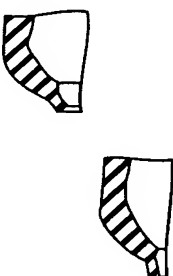
| $\beta = 0 \sim 0.040$ | $\alpha = \sim 0.35$ | $\alpha = 0.35 \sim 0.65$ | $\alpha = 0.65 \sim 1.0$ |
|---------------------------|---|--|--|
| |  |  | |
| $\beta = 0.040 \sim 0.12$ |  |  |  |
| $\beta = 0.12 \sim 0.20$ | |  | |

FIG. 9

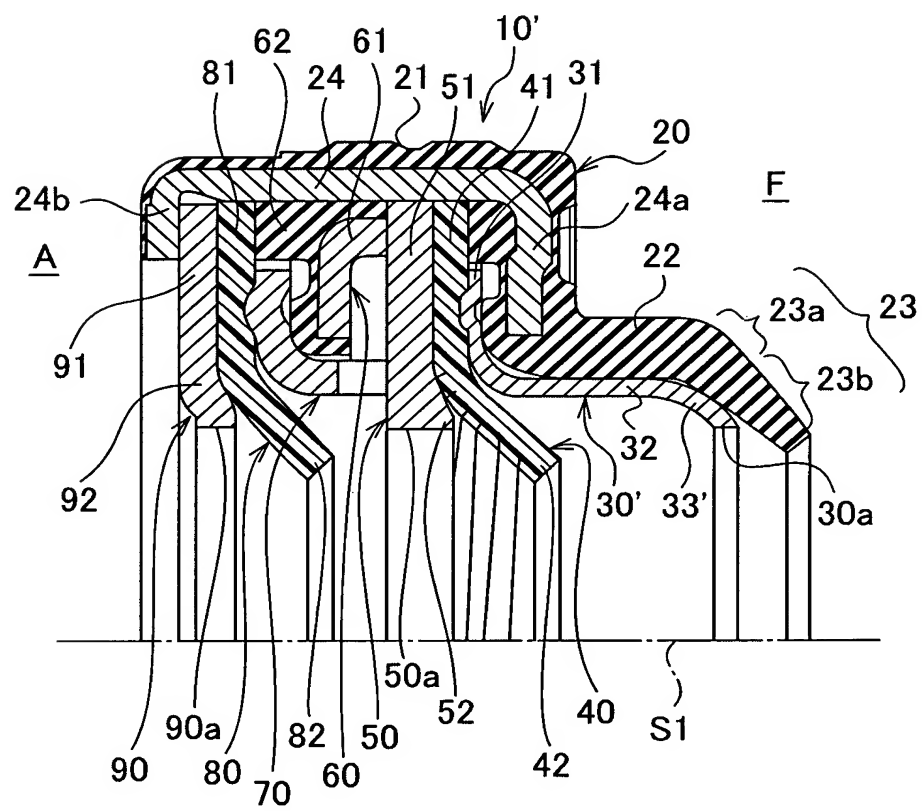


FIG.10A

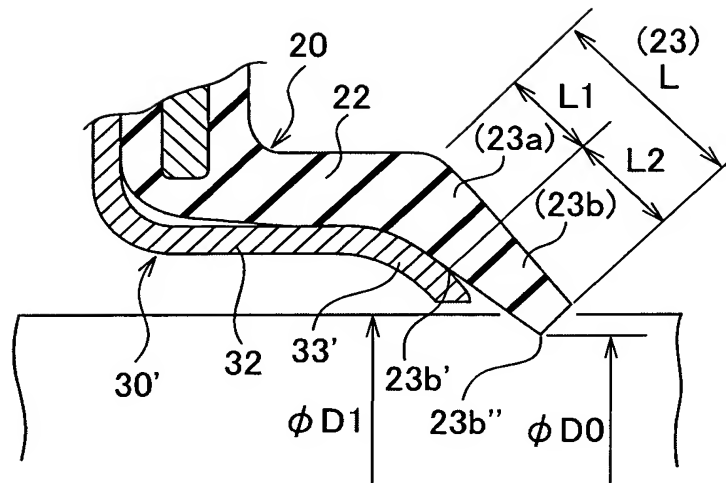


FIG.10B

